2-NH<sub>2</sub>-Purine

Abasic (1,3-propanediol)

Oligo 109-4:  $X_1 = R$ ,  $X_2 = A$ ,  $X_3 = T$ ,  $X_4 = T$ 

0=P 0,0=0 S(⊕)

<u>ш</u>

Oligo **91-4**:  $X_2 = R$ ,  $X_1 = G$ ,  $X_3 = T$ ,  $X_4 = T$ 

Inosine

Oligo **91-3**:  $X_1 = R$ ,  $X_2 = A$ ,  $X_3 = T$ ,  $X_4 = T$ 

Nebularine

Oligo **105-4**:  $X_1 = R$ ,  $X_2 = A$ ,  $X_3 = T$ ,  $X_4 = T$ 

Oligo **105-3**:  $X_2 = R$ ,  $X_1 = G$ ,  $X_3 = T$ ,  $X_4 = T$ 

 $\sqrt{N}$ 

G7-deaza

$$B = \begin{pmatrix} 0 & N & -NO_2 \\ 0 & N$$

## 5-Nitroindole

Oligo **107-4**:  $X_1 = R$ ,  $X_2 = A$ ,  $X_3 = T$ ,  $X_4 = T$ 

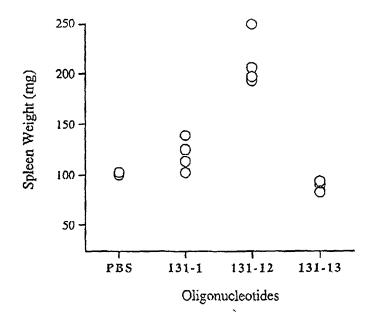
Oligo 107-7:  $X_4 = R$ ,  $X_1 = G$ ,  $X_2 = A$ ,  $X_3 = T$ 

Giso

## FIGURE

1',2'-Dideoxyribose Substitution

HYB No.	Sequences and Modification (5'-3')	Batch No.	M. W.
HYB1158	CTATCTGA <u>CG</u> TTCTCTGT	D7-131-1	
HYB1160	CTAXXTGACGTTCTCTGT	D7-131-12	
HYB1161	CTATCTGAXGTTCTCTGT	D7-131-13	



1',2'-Dideoxyribose Substitution

HYB No.	Sequences and Modification (5'-3')	Batch No.	M. W.
HYB1159	CCTACTAG <u>CG</u> TTCTCATC	D7-133-1	
HYB1162 HYB1163	CCTXXTAGCGTTCTCATC CCTACTAGXGTTCTCATC	D7-133-12	
	CCTACTAGAGTTCTCATC	D7-133-13	

